

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	21	(generat\$4) with (intermediate adj code) with (source adj code) with (object adj code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 09:55
S2	27	(preprosocess\$4 pre\$process\$4) with (intermediate adj code)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 11:17
S3	2	("20050071827").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/19 11:11
S4	82	generat\$4 with ((binary adj code) (resultant adj code) (assembl\$4 with code)) same ((modif\$4 chang\$4 convert\$4) with (intermediate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:38
S5	47	preliminary with modif\$4 with (intermediate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:18
S6	2	generat\$4 with (def\$use adj graph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:01
S7	1	(def\$use adj graph) with classif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:56
S8	1	(def\$use adj graph) same classif\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:56

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S9	3	(def\$use adj graph) same compil\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 12:57
S10	3	(def\$use adj graph) same (intermediate (object adj code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:00
S11	6	(def\$use adj graph)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:00
S12	286	generat\$4 with graph with class\$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:04
S13	180	bit with field with optimiz\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:08
S14	9	bit with field with optimiz\$4 same ((intermediate) (object adj code) (source adj code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:10
S15	2	(data adj flow adj analysis) with bit with field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:33
S16	33	(data adj flow adj analysis) with bit with data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 13:33

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S17	16	generat\$4 with ((binary adj code) (resultant adj code) (assembl\$4 with code)) same (data with flow with analysis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:36
S19	3	generat\$4 with graph with information same bit with field	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:38
S20	59	generat\$4 with graph with information same (bit boolean (bit adj field))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:38
S21	3	generat\$4 with graph with information same (bit boolean (bit adj field)) and compil\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:39
S22	121	generat\$4 with graph same (bit boolean (bit adj field)) and compil\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:45
S25	1	(modif\$4 convert\$4 edit\$4) with ((intermediate adj code) (intermediate adj language)) and (bit-wise)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:48
S26	14	(gather\$4 collect\$4) with (bit field (bit adj field) boolean) with ((source adj program) (source adj code))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:57
S27	2	(data with flow with analysis) with (definitions with usage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:56

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S28	199	(data with flow with analysis) with (bit field (bit adj field) boolean)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:58
S29	47	(data with flow with analysis) with (bit field (bit adj field) boolean) and compil\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/19 15:58

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## Web

Results 1 - 10 of about 42,300 for **def/use graph**. (0.27 seconds)

### [PDF] [Testing OO Programs Testing](#)

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G is **def-use graph** and P is set of complete paths in G. – P satisfies all-c-uses/some-p-uses criterion if for every node. j and every x defined at j, ...

[www.cs.rutgers.edu/~ryder/516/sp06/lectures/Testing-1.pdf](http://www.cs.rutgers.edu/~ryder/516/sp06/lectures/Testing-1.pdf) - [Similar pages](#)

### [PPT] [Multiprocessor Memory Allocation](#)

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**Graph of def-use chains:** connection from definition site (assignment) to use ... Put root edges from **def-use graph** in worklist; if def site in roots can be ...

[www.cs.umass.edu/~emery/classes/cmpsci710-spring2003/lecture05-yetmoredataflow.ppt](http://www.cs.umass.edu/~emery/classes/cmpsci710-spring2003/lecture05-yetmoredataflow.ppt) -

[Similar pages](#)

### [PDF] [Advanced Compilers](#)

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**Graph of def-use chains:** connection from definition site. (assignment) to use site along path in CFG ... Put root edges from **def-use graph** in worklist ...

[www.cs.umass.edu/~emery/classes/cmpsci710-spring2004/lecture05-yetmoredataflow.pdf](http://www.cs.umass.edu/~emery/classes/cmpsci710-spring2004/lecture05-yetmoredataflow.pdf) -

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### [Extended SSA with Factored Use-Def Chains to Support Optimization ...](#)

Thus, most implementations actually provide **def-use** chains for each definition. ... 463 The Program Dependence **Graph** and its use in optimization (context) ...

[citeseer.ist.psu.edu/83681.html](http://citeseer.ist.psu.edu/83681.html) - 26k - [Cached](#) - [Similar pages](#)

### [Citations: Interprocedural def-use associations for C systems with ...](#)

In the definitions below we assume we have a **def use graph**  $G = (G, OE, D, U)$  and a program procedure P represented by G. 4 IEEE TRANSACTIONS ON SOFTWARE ...

[citeseer.ist.psu.edu/context/108569/0](http://citeseer.ist.psu.edu/context/108569/0) - 39k - [Cached](#) - [Similar pages](#)

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### [Welcome to IEEE Xplore 2.0: Modeling software for accurate data ...](#)

The authors point out that the accuracy of the representation of data flow dependencies by the **def-use graph** is no longer acceptable at the program level ...

[ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=346036](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=346036) - [Similar pages](#)

### [The Construction of Contextual Def-Use Associations for Object ...](#)

The algorithm for calculating contextual **def-use** associations for the component under test (CUT) is shown in Algorithm 2 (Fig. 8). Given the call **graph** for ...

[doi.ieeecomputersociety.org/10.1109/TSE.2003.1245302](http://doi.ieeecomputersociety.org/10.1109/TSE.2003.1245302) - [Similar pages](#)

### [PDF] [SOFTENG 254: Quality Assurance Example Solution Flow graph Def/Use ...](#)

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**Def/Use** for i. public static List grade(int[][] scores) { A. List result = new Vector(); B1. int i = 0; B2. while (i < scores.length) { ...

<https://www.se.auckland.ac.nz/courses/SOFTENG254/lectures/se254-notes-lec08-data.pdf>

- [Similar pages](#)

### [Selecting Software Test Data Using Data Flow Information ...](#)

includes: Criterion c1 includes criterion c2 if for every **def/use graph** G, any set of complete paths of G that satisfies c1 also satisfies c2 ...

[oregonstate.edu/~lawrancj/wiki/index.php/](http://oregonstate.edu/~lawrancj/wiki/index.php/)

Selecting\_Software\_Test\_Data\_Using\_Data\_Flow\_Information - 23k -

<http://www.google.com/search?hl=en&lr=&q=def%2Fuse+graph>

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[doc] [The whole idea of the paper is to examine a family of program test ...](#)

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The paper discusses the **def-use graphs** for data flow analysis and several related path criteria needed to test the program are defined and compared. ...

[www.cs.usu.edu/~jones/courses/CS7380/Abstract-Reviews/DataFlowAnalysis.doc](http://www.cs.usu.edu/~jones/courses/CS7380/Abstract-Reviews/DataFlowAnalysis.doc) -

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def/use graph IR

Search

[Advanced Search](#)  
[Preferences](#)**Web**Results 1 - 10 of about 580 for **def/use graph IR**. (0.32 seconds)**Dependence Graphs and Program Slicing**

The Pre-IR includes abstract syntax trees (ASTs), control flow **graphs** ... This is used to augment the **def**, **use**, and possible-kill sets of each CFG node, ...

[www.grammotech.com/research/slicing/slicingWhitepaper.html](http://www.grammotech.com/research/slicing/slicingWhitepaper.html) - 41k -

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**[PDF] Dependence Graphs and Program Slicing**

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extends the Pre-IR with dependence **graphs**, i.e., the SDG. ... This is used to augment the **def**, **use**, and possible-kill sets of each CFG node, as well as the ...

[www.grammotech.com/research/slicing/slicingWhitePaper.pdf](http://www.grammotech.com/research/slicing/slicingWhitePaper.pdf) - [Similar pages](#)

**[PDF] Representing programs Representing programs Option 1: high-level ...**

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the Control Dependence **Graph**. - the Program Dependence **Graph**. • More on this later. ...

**def/use** chains. **Def/use** chains. • Directly captures dataflow ...

[www.cse.ucsd.edu/classes/fa06/cse231/lecture-7.pdf](http://www.cse.ucsd.edu/classes/fa06/cse231/lecture-7.pdf) - [Similar pages](#)

**Chris Lattner - Re: [tree-ssa] AST optimizer in C++?**

Let me explain how LLVM represents the information that you listed above: > - SSA and dependence **graphs** for **def-use** This is the certainly the easiest one to ...

[gcc.gnu.org/ml/gcc/2002-08/msg01555.html](http://gcc.gnu.org/ml/gcc/2002-08/msg01555.html) - 23k - [Cached](#) - [Similar pages](#)

**Andrew MacLeod - Re: [tree-ssa] Removal of gotos from cfg based ir**

Sorry if I'm being overly dense -- I don't see how **def-use** or use-def > > gets you control edges. Unless you do something like build the SSA > > **graph** for ...

[gcc.gnu.org/ml/gcc-patches/2003-11/msg01146.html](http://gcc.gnu.org/ml/gcc-patches/2003-11/msg01146.html) - 7k - [Cached](#) - [Similar pages](#)

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**[PPT] FlexCC2 : An Optimizing Retargetable C Compiler for DSP Applications**

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High-Level **IR**, **graph**-based representation ... Dataflow API (**def/use**, liveness, SSA, ...)

Structural API (dominators, dominance frontiers, loop tree, ... ...)

[chess.eecs.berkeley.edu/publications/talks/04/daveau6-14.ppt](http://chess.eecs.berkeley.edu/publications/talks/04/daveau6-14.ppt) - [Similar pages](#)

**Basic Compiler Graphs**

It takes as arguments a flowgraph and a function **def\_use**, which takes a **graph** node and returns the **def/use** sets of the node. It returns two functions ...

[cs.nyu.edu/leunga/www/MLRISC/Doc/html/compiler-graphs.html](http://cs.nyu.edu/leunga/www/MLRISC/Doc/html/compiler-graphs.html) - 40k -

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**[PDF] Need for dataflow analysis Dataflow analyses IR for data-flow ...**

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Edges in **graph**: ways to transfer control between ... **Def-use** chains. • Reaching definitions tells which nodes a. def can reach ...

[www.cs.cornell.edu/courses/cs412/2001sp/lectures/lec27.pdf](http://www.cs.cornell.edu/courses/cs412/2001sp/lectures/lec27.pdf) - [Similar pages](#)

**Barbara Mary CHAPMAN: Teaching**

representing structure of a procedure, basic blocks, flow **graph**, dominators and dominance tree, identifying loops in **IR**, depth-first spanning trees, ...

[www2.cs.uh.edu/~chapman/teaching\\_index.html](http://www2.cs.uh.edu/~chapman/teaching_index.html) - 22k - [Cached](#) - [Similar pages](#)

**[PDF] Harpoon Project Compiler Intermediate Representation**

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<http://www.google.com/search?hl=en&lr=&q=def%2Fuse+graph+IR>

The **def-use** chain is a data. structure that makes this efficient: for each ...  
IR.QuadSSA.Quad;. they are **graph**-structured and doubly-linked to ...  
cycleserv2.csail.mit.edu/Harpoon/quads/quads.pdf - [Similar pages](#)

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